



MATERIAL SAFETY DATA SHEET

6-4-36 Winterizer

MSDS DATE: 10/6/10

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 6-4-36 Winterizer
PRODUCT CODE(S): 7128053

MANUFACTURER: TerraLink Horticulture Inc.
ADDRESS: 464 Riverside Road, Abbotsford, BC. Canada V2S 7M1
PHONE: 604-864-9044

24 HOUR CEDA EMERGENCY PHONE: 604-540-4100
CHEMICAL SPILLS: 800-663-3456

PRODUCT USE: Fertilizer
PREPARED BY: Regulatory Affairs
REVISIONS: October 6, 2010.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>REPORTABLE INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>EXPOSURE LIMITS OSHA PEL-TWA</u>	<u>% VOL/WT</u>
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No reportable ingredients

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

ROUTES OF ENTRY: Skin, eyes, inhalation

ACUTE HEALTH EFFECTS

EYES: Solid particles are likely irritating as "foreign objects". Some tearing, blinking and mild temporary pain may occur as the solid material is rinsed from the eye(s) by tears.

SKIN: Dusts and mists are not expected to be irritating based on pH

INGESTION: Ingestion in very large amounts may cause nausea and vomiting. Ingestion is not a typical route of occupational exposure.

INHALATION: The dusts and mists (from solutions) may be irritating to nose and throat. High concentrations of dust may cause coughing and mild, temporary irritation.

CHRONIC HEALTH HAZARDS: In general, long-term exposures to high concentrations of dust may cause increased mucous flow in the nose and respiratory system airways. This condition usually disappears after exposure stops. Controversy exists as to the role exposure to dust has in the development of chronic bronchitis. Other factors such as smoking and general air pollution are more important, but dust exposure may also contribute.

CARCINOGENICITY: not carcinogenic

SECTION 4: FIRST AID MEASURES

EYES: Do not let victim rub eyes. Immediately flush eye(s) with lukewarm, gently running water for at least 20 minutes while holding the eyelid(s) open. If irritation persists, obtain medical advice.

SKIN: Flush with lukewarm, gently flowing water until the chemical is removed. Remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts, etc.). Obtain medical attention if pain or irritation develops or persists. Completely decontaminate clothing, shoes and leather goods before re-use or discard.

INGESTION: Not normally ingested. **NEVER** give anything by mouth if victim is rapidly losing consciousness, is unconscious or convulsing. If irritation or discomfort occurs obtain medical advice immediately.

INHALATION: Remove source of contamination or have victim move to fresh air. Obtain medical advice immediately.

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SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Does not burn. Use extinguishing media for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: NAb

UNUSUAL FIRE AND EXPLOSION HAZARDS: NAb

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposes at high temperatures giving ammonia and polyphosphoric acid. May be mildly corrosive to steel, gray iron and aluminum. Aqueous solutions are not corrosive to certain grades of stainless steel. Not corrosive to nickel-chromium-molybdenum alloys.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Restrict access to area until completion of clean-up. Provide adequate personal protective equipment and ensure clean-up is conducted by trained personnel only. Ventilate area. Remove any reactive chemicals from the area.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid inhalation and eye contact. Wear rubber or Nitrile gloves, chemical splash goggles and dust mask. Do not mix with incompatible materials (see Section 10). Keep in a cool, dry and well ventilated area. Store away from incompatible materials (see Section 10).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING / VENTILATION CONTROLS: Use local exhaust ventilation to control dust or mist. Supply sufficient replacement air to make up for air removed by exhaust system, process of personnel enclosure and control of process conditions.

RESPIRATORY PROTECTION: Dust mask

EYE PROTECTION: Dust or splash-proof chemical safety goggles or face shield

SKIN PROTECTION: Rubber or Nitrile gloves, long sleeve shirts and pants or coveralls, boots and/or other resistant protective clothing. Have a safety eyewash fountain readily available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Granular

ODOR: NAb

PHYSICAL STATE: Solid

pH AS SUPPLIED: NAb

pH (Other): NAb

BOILING POINT: NAb

MELTING POINT: NAb

FREEZING POINT: NAb

VAPOR PRESSURE (mmHg): NAb

VAPOR DENSITY (AIR = 1): NAb

SPECIFIC GRAVITY (H₂O = 1): NAb

EVAPORATION RATE: NAb

BASIS (=1): NAb

SOLUBILITY IN WATER: NAb

PERCENT SOLIDS BY WEIGHT: NAb

PERCENT VOLATILE: NAb

VOLATILE ORGANIC COMPOUNDS (VOC): NAb

WITH WATER: NAb **LBS/GAL**

WITHOUT WATER: NAb **LBS/GAL**

MOLECULAR WEIGHT: NAb

VISCOSITY: NAb

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Normally stable

CONDITIONS TO AVOID (STABILITY):

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, strong acids, magnesium, Chlorine trifluoride

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Decomposes at high temperatures giving ammonia and polyphosphoric acid. May be mildly corrosive to steel, gray iron and aluminum. Aqueous solutions are not corrosive to certain grades of stainless steel. Not corrosive to nickel-chromium-molybdenum alloys.

HAZARDOUS POLYMERIZATION: Not expected to occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NAb

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NAb

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to local, provincial and federal government requirements.

RCRA HAZARD CLASS: NA

SECTION 14: TRANSPORT INFORMATION

CANADIAN TDG DESCRIPTION (Road and Rail): Not regulated for transport by Road/Rail in Canada. Contact manufacturer for updates to transport information.

SECTION 15: REGULATORY INFORMATION

WHMIS HAZARD CLASS:

SECTION 15 NOTES: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR



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SECTION 16: OTHER INFORMATION

REVISIONS: 1st revision October 6, 2010.

ADDITIONAL INFORMATION:

Abbreviations used throughout the MSDS are: NA = Not available
 NAb = Not available for blend
 NAp = Not applicable
 N/E = None established

Company references utilized in preparation of the MSDS.

DISCLAIMER:

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